

AMENDMENTS TO THE CLAIMS

1. (Previously presented) Seed of soybean cultivar designated S52-U3 representative seed of said soybean cultivar having been deposited under ATCC Accession No: PTA-5164.

2. (Previously presented) A soybean plant, or a part thereof, produced by growing the seed of claim 1.

3. (Original) Pollen of the plant of claim 2.

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4. (Original) An ovule of the plant of claim 2.

5. (Previously presented) A soybean plant, or parts thereof, having all the physiological and morphological characteristics of the plant according to claim 2.

6-7. (Canceled)

8. (Previously presented) Seeds produced by growing the plant according to claim 2 or 5.

9-13. (Canceled)

14. (Previously presented) A tissue culture of regenerable cells of the soybean plant according to claim 2 or 5.

15. (Canceled)

16. (Currently amended) The tissue culture according to claim 14, wherein the cells of said tissue culture are from a plant part selected from the group consisting of a leaf, a pollen, an embryo, a root, a flower, a seed, a pod, and a stem.

17. (Previously presented) A method for producing a soybean seed comprising crossing a first parent soybean plant with a second parent soybean plant and harvesting the resultant soybean seed, wherein said first or second parent soybean plant is the soybean plant according to claim 2